RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: _09/910,3460_

Source: _/FW/6_

Date Processed by STIC: _3/12/04_

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PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
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2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221
Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE <u>CHECKER VERSION 4.1 PROGRAM</u>, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:
http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm

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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm> , EFS Submission User Manual - ePAVE)
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Revised 10/08/03

RAW SEQUENCE LISTING   DATE: 03/12/2004
PATENT APPLICATION: US/09/910,346D   TIME: 15:19:11

Input Set : A:\D2885CIP revised seq id.txt
Output Set: N:\CRF4\03122004\I910346D.raw

```
   3 <110> APPLICANT: STEWARD, LANCE E
   4        FERNANDEZ-SALAS, ESTER
   5        HERRINGTON, TODD M
   6        AOKI, KEI R
   8 <120> TITLE OF INVENTION: Leucine-based motif and clostridial neurotoxins
  10 <130> FILE REFERENCE: D-2885CIP
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/910,346D
C--> 12 <141> CURRENT FILING DATE: 2001-07-20
  12 <150> PRIOR APPLICATION NUMBER: US 09/620,840
  13 <151> PRIOR FILING DATE: 2000-07-21
  15 <160> NUMBER OF SEQ ID NOS: 23
  17 <170> SOFTWARE: PatentIn version 3.1
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_pp 1-3_

ERRORED SEQUENCES

```
 542 <210> SEQ ID NO: 22
 543 <211> LENGTH: 6
 544 <212> TYPE: PRT
 545 <213> ORGANISM: Artificial
 547 <220> FEATURE:
 548 <223> OTHER INFORMATION: Synthetic peptide fragment
E--> 550 <400> SEQUENCE: 22
 552 Phe Asp Lys Leu Tyr Lys
 553 1               5
 556 <210> SEQ ID NO: 23
 557 <211> LENGTH: 4
 558 <212> TYPE: PRT
 559 <213> ORGANISM: Artificial    needs explanation in <220>-<223> section
 561 <220> FEATURE:
 562 <221> NAME/KEY: MISC_FEATURE
 563 <222> LOCATION: (2)..(3)
 564 <223> OTHER INFORMATION: Xaa may be any amino acid or derivatives thereof
 567 <220> FEATURE:
 568 <221> NAME/KEY: MISC_FEATURE
 569 <222> LOCATION: (4)..(4)
 570 <223> OTHER INFORMATION: Xaa may be any hydrophobic amino acid
E--> 573 <400> SEQUENCE: 23
W--> 575 Tyr Xaa Xaa Xaa
 576 1
```

see pp 2-3 for more errors

```
<210>   1
<211>   7
<212>   PRT
<213>   Artificial       OK

<220>
<221>   MISC_FEATURE        ← Sequence 1 is composed of 7 amino acids
<222>   (1)..(5)(7)
<223>   Description of Artificial Sequence: fragment having properties
        substantially similar to that of leucine based sequence
<2207   (x may be any amino acid or derivatives thereof          1) List
<2227   (1)..(5)        | move down to <2237 line               first and
<2237                                                            last
<400>   1                                                        amino acid
                                  Describe Xaa                   location in
Xaa Asp Xaa Xaa Xaa Leu Leu       in a separate                 the sequence.
1               5                  <2207-<2237 section
```

add these

The above is a sample of several
sequences showing these types of
errors.

<210> 6
<211> 7
<212> PRT
<213> Artificial

<220>
<221> MISC_FEATURE
<222> (1)..(5) (7)   ← 7 amino acids in the sequence.
<223> Description of Unknown Organism: This fragment may have come from
      a rat source.

Why is <213> response "Artificial?"

<220>
<221> MISC_FEATURE
<222> (1)..(5)
<223> X may be any amino acid or derivatives thereof

<400> 6

Xaa Glu Xaa Xaa Xaa Leu Met
1   5

Input Set : A:\D2885CIP revised seq id.txt
Output Set: N:\CRF4\03122004\I910346D.raw

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,22,23

VERIFICATION SUMMARY   DATE: 03/12/2004
PATENT APPLICATION: **US/09/910,346D**   TIME: 15:19:12

Input Set : **A:\D2885CIP revised seq id.txt**
Output Set: **N:\CRF4\03122004\I910346D.raw**

```
L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:34 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:53 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:77 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:101 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0
L:149 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:550 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:22 differs:6
L:573 M:212 E: (34) Invalid or duplicate Sequence ID Number, SEQUENCE ID NOS:23 differs:4
L:575 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
```